

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG02/00194

A. CLASSIFICATION OF SUBJECT MATTER																	
Int. Cl.?: H04B 1/10, 7/216																	
According to International Patent Classification (IPC) or to both national classification and IPC																	
B. FIELDS SEARCHED																	
Minimum documentation searched (classification system followed by classification symbols)																	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT: signal, cdma, transform, detect, reconstruct, noise, reduction and similar terms. USPTO: cdma, detect, reconstruct, noise, reduce, transform and similar terms.																	
C. DOCUMENTS CONSIDERED TO BE RELEVANT																	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.															
X	WO 95/16259 A1 (PHILIPS ELECTRONICS N.V. et al.) 15 June 1995 Page 2 line 32-Page 8 line 24	1-36															
X	US 5610944 A (MAU et al.) 11 March 1997 Col. 2 line 51-Col. 30 line 56	1-36															
X	US 6298050 B1 (VAN HEESWYK et al.) 2 October 2001 Col. 2 line 31-Col. 10 line 48	1-36															
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> See patent family annex															
<p>* Special categories of cited documents:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">"A"</td> <td style="width: 30%;">document defining the general state of the art which is not considered to be of particular relevance</td> <td style="width: 40%;">"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E"	earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P"	document published prior to the international filing date but later than the priority date claimed	
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention															
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art															
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"P"	document published prior to the international filing date but later than the priority date claimed																
Date of the actual completion of the international search 29 October 2002	Date of mailing of the international search report 07 NOV 2002																
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer JUZER KHANBHAI Telephone No : (02) 6283 2176																

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6426983 B1 (RAKIB et al.) 30 July 2002 Col. 2 line 35-Col. 14 line 67	1-36

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG02/00194

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO	9516259	EP	682801	SG	49334
US	5610944	EP	595710	FR	2697704
US	6298050		NONE		
US	6426983	EP	987829	JP	2000101479

END OF ANNEX